



Shop Order

Town of Hermitage-Sandyville
 Steve Crewe Mayor
 Hermitage, NL A0H 2S0
 709-883-2343
 709-883-2150
 jsimms@nf.aibn.com

Emergency Repair
 St John's, NL

Sales Rep: Ryan Stacey	Terms: Chassis and Body COD
Drawing #: FT-10619	
Est. Delivery Date: / /	
Customer PO #:	Penalty:
Customer #:	None
QPF #:	

Exp. Date: 08/27/2023
Quote No: RHENL-0009
Job/Order No: 23171
BODY: 00-10-21 Metalfab Walk Around 05/13

03/26/2025

PART NO	QTY	DESCRIPTION
		== Metalfab Walk Around 05/13 - 0.000 ==
		Change Order C
00-05-0030	1	Dealer - Emergency Repair Ltd
00-10-2000	1	Metalfab Walk Around Rescue/Equipment Unit
00-20-0510	1	List of References
00-20-1000	1	Company Profile
00-20-1500	1	Standard Body Warranty
00-20-1550	1	Metalfab Limited Ten (10) Year Paint and Corrosion Warranty
00-20-2000	1	Plant Visits - unlimited at customer expense
00-20-3000	1	No Bonding Required
00-20-3500	1	Certification for Fusion Welding of Steel and Aluminum
00-20-4000	1	Quality System registered to ISO 9001:2015
00-20-4500	1	Fire Apparatus Manufacturers' Association Membership
		GENERAL INFORMATION
10-11-0000	1	Intent
10-11-0105	1	Vehicle Data Recorder not requested
10-11-0700	1	ULC S515-13 Compliance - Rescue/Equipment
		Reference ULC S515:
		Chapter 3 - General Requirements
		Chapter 10 - Special Services Apparatus
		Chapter 11 - Chassis
		Chapter 13 - Driving and Crew Areas
		Chapter 14 - Body

PART NO	QTY	DESCRIPTION
10-11-1501	1	ULC Testing not requested
10-11-2100	1	Maximum length not specified
10-11-2200	1	Maximum height not specified
10-11-2300	1	Overall length is less than 30'
10-11-2500	1	General Construction
10-11-3000	1	Manuals - two copies ***Two copies of chassis manuals are required.
10-11-3600	1	Delivery - FOB Fire Department - By ERL
10-11-4200	1	Payment Terms - Chassis and Body COD
10-20-2610	1	Equipment carrying capacity - ULC/NFPA SSV 15,001 to 20,000 GVW
		CHASSIS INFORMATION
20-11-1000	1	Chassis supplied by Metalfab Ford F550 4 door 203" WB/84" CA 19,500 GVW Diesel 300 HP/automatic Race Red Power mirrors and windows
20-11-1500	1	2013 Emission chassis modifications
20-11-1700	1	Chassis Motor Vehicle Inspection required - NB
20-21-0500	1	Fluid capacity plate
20-21-1030	1	Maximum riders sign - 5 persons
20-21-1510	1	Seat belt warning labels - 4 door chassis
20-21-1560	1	LED Tire Pressure Indicators - Single Axle
20-21-1600	1	Apparatus Information Label An information label is provided in the chassis cab, visible to the driver, stating: "When manufactured, this vehicle was: ** m high ** m long ** kg GVW Changes in height since the apparatus was manufactured shall be noted on this plate by the Fire Department"
20-21-2000	1	Non removable key
20-21-3500	1	Rear step warning label
20-21-3810	1	Front mudflaps provided with chassis
20-21-4000	1	Rear mudflaps - Metalfab Logo
20-31-0100	1	Fuel tank or step covers not required
20-31-0200	2	Fuel fill label -Ultra Low Sulfur Diesel only
20-31-1900	1	Chassis cab not painted
20-31-7500	1	Console in cab Install 50-11-0900 switch panel, 50-11-1400 siren, 50-21-5500 door ajar light, 20-52-1000 map light, 20-90-1600 USB power point and provision for 50-35-0500 customer radio in console. Storage area with hinged cover and lift and turn latch provided at rear of console. Gray zolatone finish
20-31-7588	1	Remove center section of front cab seat for room for console (Ford and Dodge)
20-41-0600	1	Intake air shutoff for engine not required
20-41-1600	1	Extended exhaust pipe not required (provided with chassis) Ford OEM standard exhaust is acceptable

PART NO	QTY	DESCRIPTION
20-41-1801	1	Battery boost terminals not required - batteries accessible
20-41-2000	1	Chassis batteries remain in OEM location
20-41-2550	2	Fuel fill at LS rear fender well Use Ford OEM fuel fill brackets in rear fender well area
20-41-2600	1	Chassis fuel tank remains in OEM location
20-41-5000	1	Rear Tow Hooks - under body *** Flat bar tow hooks under rear step (2)
20-51-0500	1	Master disconnect switch - manual Push button style in cab Include a "Battery On" light in cab Installed by Metalfab to disconnect body components only
20-51-2500	1	Back up alarm included with chassis
20-51-3100	1	Air inlet not required
20-51-6500	1	Kussmaul Autocharge 1000 battery conditioner w/battery saver
20-51-7101	1	Electric System Management Electric load management through VMUX electrical system. Include a low voltage light and audible alarm in the cab.
20-51-7500	1	Super Auto eject for 120 v - 20 A with sealed enclosure Install in body next to cab under the front left compartment
20-51-8510	1	Engine compartment light LED light located in engine compartment Switched when park brake is set or when vehicle is in park
20-51-8600	1	Air intake ember separator (Ford)
20-51-9002	1	Air horns not requested
20-51-9400	1	Code 3 utility LED 14" light bar in/under front bumper Mount in front bumper, offset to one side to leave room for siren speaker Switched in 50-11-0900 cab rocker switch panel This load can be managed.
20-52-1000	1	Federal Littlite gooseneck map light (ea) Locate on RS of cab console
20-52-3000	1	Chassis steering wheel lined up by others Required for all chassis except Freightliner, Sterling, Spartan
20-60-0400	1	Chassis wheelbase does not change
20-90-1600	2	Kussmaul Dual USB charging socket Locate in cab console
20-99-05AA	1	Running Boards for Ford F-550 Crew Cab 4WD Supplied and installed by Metalfab
PUMP AND PLUMBING		
30-11-01AA	1	Metalfab Skid Unit with Waterax B2X-23 Pump Waterax pump includes electric primer See instrumentation section for controls Fuel tank will be a separate 6-1/2 gallon portable fuel tank.

PART NO	QTY	DESCRIPTION
30-20-1600	1	Piping stainless steel - general Metalfab stainless header Valves to be stainless steel, two piece similar to Jenkins except stainless
30-20-1700	1	1-1/2" thread specifications NPSH 1-7/8" ODM x 11-1/2 TPI Confirmed at precon meeting
30-20-1800	1	2-1/2" thread specifications 3.25 x 5V 3.250" ODM x 5V TPI Confirmed at precon
30-21-55AA	1	2-1/2" tank to pump
30-22-05AA	1	Tank fill 1" SS
30-31-24AA	1	2-1/2" gated rear inlet
30-42-85AA	2	1-1/2" rear discharge SS, plumbed 1-1/2"
30-52-10AA	1	Pump drain valve
30-99-05AA	1	Trident FOAMATE 1.0 around the Pump Foam System
		WATER AND FOAM TANKS
40-11-3100	1	Tank capacity 300 US Gallons
40-12-4600	1	Foam cell - 10 US gallon
40-30-05AA	1	1" tank drain valve Provide a 1" valve with GHT adapter accessible to allow draining water tank
		ELECTRICAL
50-11-0300	1	Base electrical system - multiplex Electrical system to be provided with a quick connect between chassis and the skid unit
50-11-0900	1	Rocker switch panel with master warning switch ***Rocker switch assignments: E-MASTER -LIGHT BAR RED -FLASHING WARNING -FRONT SCENE -UTILITY LIGHT -REAR FLOODS -GROUND LIGHTS -HORN TRANSFER Include a HIGH IDLE switch in cab interlocked to ULC requirements.
50-11-1400	1	Federal PA300 100 watt siren
50-11-1632	1	Siren speaker, 100 watt, behind front chassis grille - Whelen SA315A
50-11-2600	1	Siren to be accessible to driver and officer
50-11-3500	1	Horn ring transfer switch This switch will add TAP II functionality to the horn button, a foot switch to operate the TAP II function will be installed on the officer's side as well.
50-11-5812	1	Federal LPX53DS - NFPA LED light bar Light bar is all red Front take down lights switched as FRONT SCENE - these lights can be load managed.

PART NO	QTY	DESCRIPTION
50-11-6501	1	Rear Directional Light not required
50-11-8001	1	Rear beacons not required
50-12-50AA	1	Front LED flashers (pr)-red Federal MPSW9-R
50-12-51AA	1	Rear LED flashers (pr)-red Federal MPSW9-R - upper and lower One pair at the lower level and one pair at the upper level, 4 lights total.
50-12-52AA	1	Front side intersection LED flashers (pr)-red Federal MPSW9-R
50-12-53AA	1	Rear side intersection LED flashers (pr)-red Federal MPSW9-R - upper and lower One pair at the lower level and one pair at the upper level, 4 lights total.
50-21-1505	1	Rear floods (pr) Unity LED Note that these lights are also used as rear step lights and cannot be managed
50-21-15AA	1	LED work light at front of hose bed Install 1571318 work light on top of L1 compartment to illuminate the 60-40-9500 hose bed Switched with step lights
50-21-5100	1	Compartment lighting - LED tube lights in each compartment (rollup doors)
50-21-5500	1	Door Ajar warning light Warning label in cab to read: "Do Not Move Apparatus when Light is on"
50-21-8006	1	Step lights for body steps - LED Lights for rear step
50-21-8201	1	Step lights for chassis steps - LED
50-21-8600	1	LED clearance lts and reflectors
50-22-0700	1	Whelan 64 LED tail/brake-turn-backup module (pr)
50-31-6610	1	Ground lighting (4" LED) - 4 door chassis
50-31-6640	1	Ground lighting (4" LED) - rescue body Under rear step
50-31-6665	1	Ground lighting (4" LED) under front bumper and side compartments
50-35-0500	2	Provision for customer supplied mobile radio Prewire antennas to console, provide power and ground in console
50-35-0560	1	VHF antenna with base - commercial chassis Antennas minimum 24" apart, wired to console
50-35-0590	1	Cellular/TMR antenna with base - commercial chassis Antennas minimum 24" apart, wired to console
BODY		
60-10-2000	1	Walk around extruded aluminum Rescue Body 130" Sweep out Floor Each compartment to be equipped with a 3/4" hole with a grommet type closure Each compartment to be vented in the side wall to atmosphere
60-10-5450	1	Diamondback 9-1/4" rear step
60-10-6500	1	Bolt on extruded aluminum rub rail To protect the lighting in the side of the body

PART NO	QTY	DESCRIPTION
60-11-0200	1	Front left side compartments intermediate height Depth to be half the width of the body Width to be equal to 60-11-0600 right side front compartment
60-11-0600	1	Front right side compartments intermediate height Depth to be half the width of the body
60-11-0900	1	Rear left side compartments intermediate height
60-11-1300	1	Rear right side compartments intermediate height
60-11-2000	2	High side compartment (over 18") each One each side over the rear wheels Equal in width to 60-11-900 and 60-11-1300 rear left and right side compartments
60-11-3100	1	No rear compartment
60-11-5500	2	Rollup door - standard height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-11-5510	4	Rollup door - intermediate height Natural aluminum finish Includes magnetic door switch, LED tube lights, rubber bumpers to prevent pinch point
60-31-4100	1	Extruded aluminum handrails Minimum 2" clearance from handrail to any surface One each side vertical and horizontal at rear
60-31-5500	1	Steps at rear of body (folding) Maximum height between steps is 18" Left side to access hose bed Right side to access ladder storage
60-31-6510	1	Compartment matting - black "Turtle Tile" brand Turtle tile provided in the 60-40-9500 hose storage as well
60-31-9600	8	Adjustable shelf (ea) Reflective stripe is applied on the exposed edge for visibility when the compartment door is open Customer provided location at precon: 1 - L1 2 - L1 3 - L3 4 - L3 5 - R1 6 - R1 7 - R2 8 - R3
60-33-0000	1	Paint exterior - Imron Elite *** Paint code and colour to match cab RED
60-33-0200	1	Undercoat vehicle with KROWN rust protection
60-33-0600	1	Chassis wheels not painted
60-33-1600	1	Special paint compartment interior - gray zolatone Requested in customer specification

PART NO	QTY	DESCRIPTION
60-33-2200	1	Lettering - 80 letters up to 3" tall - 3 colour Lettering layout drawing approved February 24-25
60-33-3000	1	Reflective stripe - 4" white 50% of perimeter each side, 25% of perimeter front Striping layout drawing approved February 24-25
60-33-3310	1	Reflective stripe - red and yellow chevron at rear 50% of rear body area
60-33-3500	1	Tarp over hose storage rack - black with end flap Provide velcro each side and front with quarter turns in the corners, velcro strap for rear flap to fasten around horizontal rear handrail
60-33-36BB	1	Tarp over skid unit and pump panel Black tarp with velcro straps to fasten around footman loops to cover the pump, controls, and plumbing behind the water tank
60-40-9000	1	Under skid storage space with drop down treadplate door Approximate dimensions 36" wide x 7" high x depth necessary to store the 80-11-10AA suction hoses Door to include door ajar switch wired to door ajar warning light in cab
60-40-9500	1	Hose storage rack over drivers side compartments with divider Approximately 26" wide x 12" deep x 96" long above left side compartments, include an adjustable divider and turtle tile
60-41-8600	1	Top Mount ladder slideway For Metalfab supplied ladders 24' 2 section and 12' roof
INSTRUMENTATION		
70-21-1600	1	Electric Foam Level gauge not required
70-21-5500	1	Panel readout for Battery Conditioner Mount next to 20-51-7500 auto eject
70-33-10AA	1	Waterax WCP-FW control panel Order with pump Includes: Engine controls and throttle 0-600 PSI pressure gauge Hourmeter Panel light Water level gauge and sender
ACCESSORIES		
80-11-1000	3	2-1/2" x 8 lightweight suction hose (ea) Threads to be 3.25 x 5V St John's thread Store in 60-40-9000 storage under skid
80-11-10AA	1	2-1/2" suction strainer with foot valve/poppet valve Threads to be NH unless otherwise indicated in 30-20-1800
80-11-10BB	1	Double female adapter - 2/-1/2" 2-1/2" NH x 2-1/2" St John's thread to allow feeding pump from a discharge hose

PART NO	QTY	DESCRIPTION
80-14-0500	1	24' 2 section extension ladder PEL 24
80-14-5000	1	12' aluminum roof ladder PRL-12
80-18-0500	6	SCBA bracket with strap - compt mount
		Install 5 in L2 compartment on horizontal unistruts to allow adjustment, ship 1 loose with mounting hardware